



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 31, 2011

CROPS REMAIN IN MOSTLY GOOD-TO-EXCELLENT CONDITION

The corn, cotton, soybean, and tobacco crops in Tennessee remain in mostly good-to-excellent condition in spite of the excessive heat and spotty rainfall. Some early planted corn acres are maturing rapidly, but overall the crop is progressing at a near normal rate. Soybeans are setting pods at a pace about a week behind the five-year average and are in need of moisture. Cotton is setting bolls at a pace also one week behind the five-year average. Pasture growth has stalled due to hot, dry conditions. The main farm activities last week included harvesting hay and silage, topping tobacco, and applying pesticides.

There were 6 days suitable for fieldwork across the state. Topsoil moisture levels were rated 9 percent very short, 36 percent short, 54 percent adequate and 1 percent surplus. Subsoil moisture levels were rated 7 percent very short, 30 percent short and 63 percent adequate. Temperatures averaged near to slightly above normal across Tennessee this past week. Middle and East Tennessee rainfall averaged at or slightly below normal; however, in West Tennessee rainfall was below normal.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2010	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	98	94	99	98	Corn	0	2	20	54	24
Corn – Dough	67	51	86	76	Cotton	0	1	19	67	13
Corn – Dent	30	8	50	37	Pastures	1	11	36	46	6
Corn – Silage Harvested	9	n/a	17	10	Soybeans	0	2	20	62	16
Cotton – Squaring	97	93	99	99	Tobacco	0	3	22	59	16
Cotton – Setting Bolls	65	47	80	81						
Soybeans – Blooming	75	59	82	81						
Soybeans – Setting Pods	44	25	57	58						
Tobacco – Topped	37	29	41	39						

n/a = not available

County Agent Comments

“The farmers in Fayette County need a rain. It has gotten very dry in this county. Farmers baled hay and sprayed for pests. Crops look good but are showing drought stress.”

Jeffery D. Via, Fayette County

“High temperatures and lack of rain have sapped soil moisture to critical levels this week. Isolated areas in the county received various amounts of precipitation ranging from a trace to over 1.5 inches. A good, general rain is badly needed to keep this crop going.”

Jeff Lannom, Weakley County

“A heavy thunderstorm moved through the county on Saturday afternoon dropping a much needed and timely rain. Crops and pastures were beginning to become very dry; this rain was very helpful. There are sections of the county still dry in spots.”

Troy Dugger, Hickman County

“The heat is damaging later planted corn. Rain has been spotted in the county.”

John Bartee, Montgomery County

“Only parts of the county are receiving a weekly rainfall. The higher temperatures are starting to deplete any moisture from the topsoil and subsoil. Overall, local farms have had a good summer vegetable harvest. Septoria leaf spot disease of tomato has been a serious problem this year.”

David Cook, Davidson County

“Farmers were busy this week cutting hay, chopping silage, and applying fungicides to full season beans and post herbicide applications to double crop beans.”

Ed Burns, Franklin County

“Hot. Parts of the county received scattered showers. Soil moisture is adequate. There is a lot of brown rot on peaches and fungal diseases in gardens and commercial vegetables.”

Scott Chadwell, Putnam County

“Another week with no rain other than a few, light spotty showers. High temperatures and dry weather are stressing double crop beans. Farmers cutting hay, spraying pastures, soybeans etc. Vendors filling farmers market with produce. A good general rain is needed.”

J. Dale Beaty, Warren County

“Lots of mature Johnson grass has been baled this week. Spotty showers and rain forecast last week prevented hay harvest. Soybeans still look pretty good. Corn needs rain.”

John J. Goddard, Loudon County

“Showers have been hit and miss. Some areas have had sufficient rainfall with other getting no precipitation.”

Jerry Lamb, Rhea County

“Good rains on Monday and moderate temperatures have improved pastures.”

Chris Ramsey, Sullivan County

TEMPERATURES AND PRECIPITATION
For week ending: July 31, 2011 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 31, 2011				Current Week 7/31/11	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	100	72	84	6	0.73	3	36.87	4.61	24.35	5.86
Brownsville_TN	96	73	84	5	0.00	0	41.00	8.72	28.42	9.94
Covington	94	73	83	4	1.78	3	40.46	8.62	28.77	10.61
Dyersburg	99	72	84	4	0.78	2	35.46	4.88	22.29	4.53
Huntingdon_Wate	98	72	83	5	0.10	1	41.12	9.03	26.81	8.48
Jackson_Exp_Stn	97	72	83	5	1.24	2	41.07	8.90	29.23	10.34
Lexington_TN	97	72	83	5	0.35	1	35.07	3.81	23.54	5.47
Martin	98	73	85	7	1.57	3	44.61	12.31	28.16	9.10
Memphis_AG	100	74	85	3	0.80	2	39.18	7.89	27.56	9.76
Milan	98	70	83	5	0.13	2	43.34	10.40	29.39	10.07
Paris	96	71	83	5	0.76	3	44.86	13.59	28.87	11.11
Savannah_6SW	97	71	83	4	0.29	1	39.34	4.30	24.80	5.22
Selmer	98	71	84	6	0.10	2	37.75	2.90	25.42	5.81
Union_City	94	70	82	5	2.06	3	42.88	11.43	27.71	9.44
Middle										
Clarksville_Sew	98	70	83	6	0.28	3	44.38	13.93	29.97	13.17
Cookeville	94	68	80	4	0.21	2	46.55	11.93	30.08	10.49
Crossville_AP	90	67	78	5	0.02	1	38.58	4.38	23.93	4.75
Dickson_AG	96	68	81	4	0.16	1	37.13	4.31	21.96	3.15
Dover_1W	97	71	83	7	0.76	2	45.93	14.14	29.34	11.45
Fayetteville_TN	96	69	83	6	0.50	2	39.66	6.36	22.98	4.96
Jamestown	91	65	78	5	0.44	2	46.30	13.04	28.65	9.23
Kingston_Spring	99	70	83	6	1.13	2	33.37	2.09	20.28	2.97
Lawrenceburg_Fl	96	70	82	6	0.68	4	35.45	1.26	21.57	3.20
Lewisburg	95	67	81	4	1.03	2	39.85	5.90	24.59	5.22
Linden	97	71	83	6	0.67	4	38.70	4.57	25.86	6.72
Livingston_WLIV	94	67	80	5	0.08	1	44.90	12.76	25.81	7.19
Murfreesboro_5N	98	69	83	5	1.33	1	36.98	4.67	23.00	4.47
Nashville_Metro	99	73	84	6	0.92	1	32.84	3.81	20.39	3.60
Oneida	93	65	79	6	1.91	4	50.28	16.83	31.45	11.87
Portland_TN	96	72	83	6	0.04	1	39.75	8.12	23.71	5.38
Pulaski_Water_P	95	69	81	3	0.12	2	43.01	9.35	28.22	9.95
Shelbyville	97	71	83	5	0.32	1	43.28	9.44	26.91	7.95
Sparta_TN	96	68	81	5	0.01	1	43.08	9.35	27.40	8.24
Springfield	96	70	82	6	0.77	3	38.47	8.00	24.20	6.60
Springhill	96	70	82	5	0.76	4	31.43	-2.46	19.07	-0.21
Tulahoma	94	70	82	5	0.43	2	37.37	2.38	23.34	4.32
East										
Chattanooga/Lov	98	72	84	6	0.78	2	36.67	3.89	18.28	1.23
Cleveland_6NNE	94	68	82	6	0.59	3	30.64	-3.09	16.21	-1.96
Dayton	95	69	82	5	0.28	3	36.31	2.17	19.61	1.49
Erwin_1W	92	63	78	6	2.22	4	33.29	2.81	21.78	2.81
Gatlinburg_2SW	91	64	78	6	1.11	3	39.72	4.82	25.27	4.31
Greeneville	93	64	79	5	0.97	4	28.48	1.80	17.86	1.87
Kingston_AG	95	71	82	7	0.86	1	37.37	1.53	20.92	1.16
Knoxville_AP	97	71	84	7	0.06	2	30.19	0.38	16.23	-0.26
Newcomb	93	68	80	7	1.04	4	41.22	7.77	26.71	7.13
Norris_4NE	91	67	79	4	1.45	3	38.48	6.28	21.93	3.62
Tri-City_RGNL_A	94	65	80	6	0.88	2	30.53	5.16	17.78	2.78

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.
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